

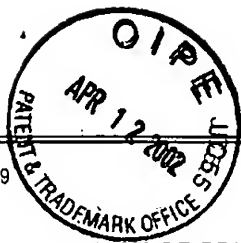


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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 222.1101.CON		SERIAL NO.: 10/062,451 TECH CENTER 1600/2900								
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): Ronald Brown MILLER, Stewart Thomas LESLIE, Sandra Therese Antoinette MALKOWSKA, Derek Allan PRATER, Trevor John KNOTT, and Hassan MOHAMMAD										
				FILING DATE: February 5, 2002		GROUP: 1615								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<i>A-</i>	AA	4	1	3	2	7	5	3	11/3/67	Blichare, et al.	264	25		
	AB													
	AC													
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>A</i>	AL	06	3	1	7	8	1	A1	01/04/95	EP	A61K	31/485	N/A	
	AM	WO	93	1	8	7	5	3	09/30/93	PCT WO	A61K	9/16	N/A	
	AN	06	7	2	4	1	6	A1	09/20/95	EP	A61K	31/485	N/A	
	AO	06	5	4	2	6	3	A1	05/24/95	EP	A61K	31/135	N/A	
	AP	06	3	6	3	7	0	A1	02/01/95	EP	A61K	31/485	N/A	
<i>A</i>	AR	06	2	4	3	6	6	A1	11/17/94	EP	A61K	31/135	N/A	
	AS													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	AT													
	AU													
	AV													
EXAMINER <i>L. Channavajjala</i>									DATE CONSIDERED <i>10/15/02</i>					
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<i>A</i>	AA	5	6	5	4	0	0	5	8/5/97	Chen, et al.	424	480	
	AB	5	3	7	8	4	7	4	1/3/95	Morella et al.	424	469	
	AC	5	2	0	2	1	2	8	4/13/93	Morella, et al.	424	469	
	AD	5	6	0	1	8	4	2	2/11/97	Bartholomaeus	424	464	
	AE	5	6	1	4	2	1	8	3/25/97	Olsson et al	424	456	
	AF	5	1	9	6	2	0	3	3/23/93	Boehm	424	469	
	AG	4	8	3	4	9	8	5	5/30/89	Elger et al	424	488	
	AH	4	8	4	4	9	0	9	7/4/89	Goldie et al.	424	480	
	AI	5	0	7	1	6	4	6	12/10/91	Malkowska	424	497	
	AJ	5	1	3	3	9	7	4	7/28/92	Paradissis et al	424	480	
	AK	4	8	3	4	9	8	4	5/30/89	Goldie et al	424	488	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>A</i>	AL	9	4	0	5	2	6	2	3/17/94	WO	A61K	9/16		
	AM	9	2	0	6	6	7	9	4/30/92	WO	A61K	9/16		
	AN	9	3	1	0	7	6	5	6/10/93	WO	A61K	9/22		
	AO	9	4	0	3	1	6	1	2/17/94	WO	A61K	9/52		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>A</i>	AP	S. bloomfield, et al. "Analgesic Efficacy and Potency of Two Oral Controlled-Release Morphine Preparations", Clin. Pharmacol. Ther. Vol. 53, No.4, pages 469-478, 1993
	AQ	Advertisement: MS Contin 1986, 1987 The Purdue Fredrick Company
	AT	R. Kaiko and T. Hunt, "Comparision of the Pharmacokinetic Profiles of Two Oral Controlled-Release Morphine Formulations in Healthy Young Adults", Clinical Therapeutics. Vol. 13, No.4, pages 484-488, 1991

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↓	BA	5	3	3	0	7	6	6	7/19/94	Morella et al	424	490	
	BB	5	2	8	3	0	6	5	2/1/94	Doyon et al.	424	467	
	BC	4	9	9	0	3	4	1	2/5/91	Goldie et al.	424	484	
	BD	4	8	2	8	8	3	6	5/9/89	Elger et al	424	419	
	BE	5	1	2	2	3	8	4	6/16/92	Paradissis et al	424	451	
	BF	4	9	7	0	0	7	5	11/13/90	Oshlack	424	451	
	BG	5	4	7	2	7	1	2	12/5/95	Oshlack et al	424	480	
	BH	4	8	6	1	5	9	8	8/29/89	Oshlack	424	468	
	BI	5	4	1	1	7	4	5	5/2/95	Oshlack et al.	424	456	
↓	BJ	5	5	0	0	2	2	7	3/19/96	Oshlack et al.	424	476	
	BK	5	5	8	0	5	7	8	12/3/96	Oshlack et al.	424	468	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
↓	BL	9	4	2	2	4	3	1	10/13/94	WO	A61K	9/20		
	BM	9	2	0	1	4	4	6	2/6/92	WO	A61K	9/50		
	BN	9	4	0	3	1	6	0	2/17/94	WO	A61K	9/32		
	BO	9	0	4	7	7	3	2	7/12/90	AU(B)				
	BP	9	3	4	1	6	5	4	2/16/95	AU(A)				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

↓	BQ	R. West et al., World Congress on Pain Abstracts 997-1001, August 26, 1993
	BR	Thomsen, L. Juul, Prolonged Release Matrix Pellets Prepared by Melt Pelletization. Part IV: Drug Content, Drug Particle Size, and Binder Composition, "Pharmaceutical Technology Europa, pp. 19-24 (October 1994).
↓	BS	Gourlay et al., Proceeding of the 7th World Congress on Pain: A Comparison of Kapanol (A New Sustained Release Morphine Formulation), MST Continus, and Morphine Solution in Cancer Patients: Pharmacokinetic Aspects of Morphine and Morphine Metabolites", Progress in Pain Research and Management Volume 2 pp 631-643 (1994).

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APPLICANT (Use several sheets if necessary)				APPLICANT(S): Ronald Brown MILLER, et al.										
				FILING DATE: February 5, 2002		GROUP: 1615								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
↓	CA	5	2	6	6	3	3	1	11/30/93	Oshlack et al.	424	464		
	CB	4	4	4	3	4	2	8	4/17/84	Oshlack et al.	424	22		
	CC	5	6	5	6	2	9	5	8/12/97	Oshlack et al.	424	468		
	CD	5	5	4	9	9	1	2	8/27/96	Oshlack et al.	424	468		
	CE	5	2	8	6	4	9	3	2/15/94	Oshlack et al.	424	468		
	CF	5	6	7	2	3	6	0	9/30/97	Sackler et al.	424	490		
	CG	5	4	7	8	5	7	7	12/26/95	Sackler et al.	424	489		
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↓	CH	0	2	7	1	1	9	3	6/15/88	EP(A2)	A61K	31/485		
	CI	0	3	7	7	5	1	7	7/11/90	EP(A2)	A61K	31/52		
	CJ	0	5	5	3	3	9	2	8/4/93	EP(A1)	A61K	9/50		
	CK	0	5	3	3	2	9	7	3/24/93	EP(A1)	A61K	9/16		
	CL	9	2	0	8	4	5	9	5/29/92	WO (A1)	A61K	31/485		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
↓	CM	R.F. Kaiko, "The Pre and Postoperative Use of Controlled Release Morphine (MS Contin Tablets): A review of Published Literature, Medical Department, The Purdue Fredrick Company, Royal Society of Medical Services, International Congress, Symposium Services, No. 149, pp. 147-160 (1989).												
	CN	J. Lapin et al., "Cancer Pain Management with a Controlled Release Oral Morphine Preparation", <u>Journal of Pain and Symptom Management</u> , V4 (3), pp146-151, 1989.												
	CO	J. Lapin et al., "Guidelines for Use of Controlled Release Oral Morphine in Cancer Pain Management", <u>Cancer Nursing</u> , V12 (4), pp202-208, 1989.												
EXAMINER L. Channavajjala					DATE CONSIDERED 10/15/02									
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<i>[initials]</i>	DA	5	5	2	0	9	3	1	5/28/96	Persson et al.	424	473	
	DB	5	6	3	7	3	2	0	6/10/97	Bourke et al.	424	489	
	DC	5	2	1	9	5	7	5	6/15/93	Van Bommel et al	424	490	
	DD	5	7	0	9	8	8	3	1/20/98	Drizen et al.	424	488	
	DE	5	6	8	1	5	8	5	10/28/97	Oshlack et al.	424	494	
	DF	5	6	7	0	1	7	2	9/23/97	Buxton et al.	424	495	
	DG	5	8	7	9	7	0	5	3/9/99	Heafield et al.	424	464	
	DH	5	3	2	1	0	1	2	6/14/94	Mayer et al.	514	25	
	DI	4	4	6	4	3	7	8	8/7/84	Hussain	424	260	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<i>[initials]</i>	DJ	0	6	3	6	3	7	0	2/1/95	EP(A1)	A61K	31/485		
	DK	0	6	0	9	9	6	1	8/10/94	EP(A1)	A61K	31/485		
	DL	0	5	4	8	4	4	8	6/30/90	EP(A1)	A61K	9/50		
	DM	0	3	7	7	5	1	8	7/11/90	EP(A2)	A61K	9/52		
	DN	2	1	3	1	3	5	0	3/4/95	CA (A1)	A61K	31/135		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	DO	R.F. Kaiko, "Clinical Protocol and Role of Controlled Release Morphine In The Surgical Patient", <u>Anesthesiology and Pain Management</u> pp 193-212, 1991.
	DP	European Journal of Cancer; Once A Day (i.e. 24 Hourly) Kapanol™, A new sustained Release Morphine Formulation, In the Treatment of Cancer Pain: Pharmacokinetic Aspects; Part A General Topics 1995: 31 (S5) Suppl: S187 Abs 897 European Conference on Clinical Oncology and Cancer Nursing, Paris, 29- Oct-2- Nov 1995.
	DQ	European Journal of Cancer, Kadian™ / Kapanol™ -A once Daily Morphine Formulation ; Part A General Topics 1995; 31 (S5) Suppl: S182 Abs 873 European Conference on Clinical Oncology and Cancer Nursing, Paris, 29 Oct-2 Nov 1995

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EA	EA	5 5 0 2 0 5 8	3/26/96	Mayer et al.	514/289		
	EB	5 0 0 7 7 9 0	4/16/91	Shell	424/451		
	EC	4 6 0 9 5 4 2	9/2/86	Panoz et al.	424/19		
	ED	5 3 8 4 1 3 0	1/24/95	Kamada	424/461		
	EE	5 2 0 6 0 3 0	4/27/93	Wheatley et al.	424/490		
	EF	5 2 4 8 5 1 6	9/28/93	Wheatley et al.	427/3		
	EG	5 2 5 8 4 3 6	11/2/93	Wheatley et al.	524/388		

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
EH	EH	9 6 1 4 0 5 8	5/17/96	WO (A1)	A61K	9/14		
	EI							
	EJ							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EK	EK	Maccarrone C. et al.; Single Dose Pharmacokinetics of Kapanol™, a New Oral Sustained-Release Morphine Formulation; Clinical Drug Investigation 1994:7 (5) 262-274
	EL	West R.J. Maccarrone C. Single dose pharmacokinetics of new oral sustained release morphine formulation, Kapanol™ capsules. (Abstract 997) International Association for the Study of Pain, 7th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)
	EM	Gourlay GK, Plummer JL, Cherry DA, et al. A comparison of Kapanol™ (A new sustained release morphine formulation), MST Continus® and morphine solution in cancer patients: pharmacokinetic aspects. (Abstract 998) International Association for the Study of Pain, 7th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)
	EN	Cherry DA, Gourley GK, Plummer JL, et al. A comparison of Kapanol™ (a new sustained release morphine formulation), MST Continus® and morphine solution in cancer patients: morphine metabolite profiles and renal function. (Abstract 999) International Association for the Study of Pain, 7th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)
	EO	Plummer JL, Cherry DA, Gourlay GK, et al. A comparison of Kapanol™ (a new sustained release morphine formulation) MST Continus® and morphine solution in cancer patients: pharmacodynamic aspects. (Abstract 1000) International Association for the Study of Pain, 7th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)

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<i>JP</i>	FA	5 6 6 7 8 0 5	9/16/97	Merrill et al.	424/473		
	FB	5 4 6 0 8 2 6	10/24/95	Merrill et al.	424/470		
	FC	5 5 9 3 6 9 5	1/14/97	Merrill et al.	424/480		
	FD	5 6 2 9 0 1 1	5/13/97	Illum	424/434		
	FE	4 7 9 7 4 1 0	1/10/89	El-Fakahany	514/356		
	FF	5 2 7 3 7 6 0	12/93	Oshalck, et al.	424/480		

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							YES	NO
	FG							
	FH							
	FI							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JP</i>	FJ	Toner G, Cramond T, Bishop, et al. Randomized double blind, phase III crossover study of a new sustained-release oral morphine formulation, Kapanol™ capsules, (Abstract 1001) International Association for the Study of Pain, 7 th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)
	FK	European Journal of Cancer; Once A Day (i.e. 24 Hourly) Kapanol™, A New Sustained Release Morphine Formulation, in the Treatment of Cancer Pain: Morphine Metabolite Profiles; Part A General Topics 1995; 31 (S5) Suppl:S184 Abs 884, European Conference on Clinical Oncology and Cancer Nursing, Paris, 29 Oct-2 Nov 1995.
	FL	Thomsen, L. Juul, " Utilizing Melt Pelletization Technique For The Preparation of Prolonged Release Products", Pelletization, (material elaborated by assistant professor Lars Juul Thomsen, Department of Pharmaceutics, Royal Danish School of Pharmacy for the D.E. course "Pelletization Technology", November 1992, 106 pages, plus 3 appendices

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